

CITY OF ALBUQUERQUE



Richard J. Berry, Mayor

March 27, 2017

Phillip W. Clark, PE
Clark Consulting Engineers
19 Ryan Rd
Edgewood, NM 87015

**RE: Comfort Suites Hotel
Grading Plan
Stamp Date: 3/4/17
Hydrology File: M15D023G**

Dear Mr. Clark:

Based upon the information provided in your submittal received 3/6/2017, the Grading and Drainage Plan **is not** approved for Building Permit and Grading Permit. The following comments need to be addressed for approval of the above referenced project:

1. Please show site location on FIRM MAP.
2. Current reference box for Basin A-2 & A-7 Drainage information incorrect. Needs to state that Basin A-2 has 3.4 cfs per ac, so for 1.4 ac, the allowable 100 yr discharge is 4.76 cfs. Basin A-7 has 4.0 cfs per ac, so for 0.6 ac, the allowable 100 yr discharge is 2.6 cfs.
3. Under Developed Drainage Conditions, the total area should equal the existing area of 2.03 ac. This then changes all of the calculation as shown on the plan.
4. First Flush volume needs to be separated into north basin and south basin.
5. Need to show how the sheet flow is getting into the depressed areas for the first flush. Also each area needs to be calculated for first flush volume so that the total sub areas equals the required first flush volume for each drainage basin.
6. The allowable 100 yr discharge is 4.76 cfs. Therefore the detention pond size is smaller than is currently calculated.
7. For the north basin, the designed sheet flow travels to a discharge point at the northwest corner of the site. The proposed detention pond is upstream from the discharge point, therefore it does not collect the required volume of runoff. This

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area needs to be redesigned so that the detention pond collects the required drainage.

If you have any questions, please contact me at 924-3995 or rbrissette@cabq.gov.

Sincerely,

Renee C. Brissette

Reneé C. Brissette, P.E.
Senior Engineer, Hydrology
Planning Department

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City of Albuquerque

Planning Department

Development & Building Services Division

DRAINAGE AND TRANSPORTATION INFORMATION SHEET (REV 1/2016)

Project Title: _____ **Building Permit #:** _____ **Hydrology File #:** _____

DRB#: _____ **EPC#:** _____ **Work Order#:** _____

Legal Description: _____

City Address: _____

Applicant: CLARK CONSULTING ENGINEERS **Contact:** Philip Clark

Address: 19 Ryan Road Edgewood, NM 87015

Phone#: 281.2444 **Fax#:** _____ **E-mail:** CCEalbq@aol.com

Other Contact: _____ **Contact:** _____

Address: _____

Phone#: _____ **Fax#:** _____ **E-mail:** _____

Check all that Apply:

DEPARTMENT:

- ☐ HYDROLOGY/ DRAINAGE
- ☐ TRAFFIC/ TRANSPORTATION
- ☐ MS4/ EROSION & SEDIMENT CONTROL

TYPE OF SUBMITTAL:

- ☐ AS-BUILT CERTIFICATION
- ☐ CONCEPTUAL G & D PLAN
- ☐ GRADING PLAN
- ☐ DRAINAGE MASTER PLAN
- ☐ DRAINAGE REPORT
- ☐ CLOMR/LOMR
- ☐ TRAFFIC CIRCULATION LAYOUT (TCL)
- ☐ TRAFFIC IMPACT STUDY (TIS)
- ☐ NEIGHBORHOOD IMPACT ASSESMENT (NIA)
- ☐ EROSION & SEDIMENT CONTROL PLAN (ESC)
- ☐ OTHER (SPECIFY) _____

TYPE OF APPROVAL/ACCEPTANCE SOUGHT:

- ☐ BUILDING PERMIT APPROVAL
- ☐ CERTIFICATE OF OCCUPANCY
- ☐ GRADING/ESC PERMIT APPROVAL
- ☐ PRELIMINARY PLAT APPROVAL
- ☐ SITE PLAN FOR SUB'D APPROVAL
- ☐ SITE PLAN FOR BLDG. PERMIT APPROVAL
- ☐ FINAL PLAT APPROVAL
- ☐ SIA/ RELEASE OF FINANCIAL GUARANTEE
- ☐ FOUNDATION PERMIT APPROVAL
- ☐ SO-19 APPROVAL
- ☐ PAVING PERMIT APPROVAL
- ☐ GRADING/ PAD CERTIFICATION
- ☐ WORK ORDER APPROVAL
- ☐ CLOMR/LOMR

PRE-DESIGN MEETING?

☐ OTHER (SPECIFY) _____

IS THIS A RESUBMITTAL?: ☐ Yes ☐ No

DATE SUBMITTED: _____ **By:** _____

COA STAFF: _____ **ELECTRONIC SUBMITTAL RECEIVED:** _____

FEE RECEIVED: _____

